

1.0 Preface

This manual contains information for users of the National Weather Service (NWS) Ensemble Streamflow Prediction Analysis and Display Program (ESPADP).

This preface describes general information about using this manual.

1.1 Document Design

This manual is designed to be single-sided and inserted into a 3-ring binder. In order to help users quickly locate information about different ESPADP topics, each major section is indicated by page numbers that uniquely identify the chapter (e.g., Preface-1, as opposed to 1). This organization allows sections to be added or moved as development continues without disruption to page numbering.

1.2 Intended Audience

The material in this manual is intended to provide support to end users, not model developers or system administrators. Technical references are made throughout this manual for those interested in software and system design or model theory and implementation.

This software manual is written to be independent of any computer operating system. System-specific issues will be addressed in the system manual. A basic understanding of the Ensemble Streamflow Prediction Model (ESP) and other NWS software applications will help the user run ESPADP more easily, but is not required to use the program

1.3 Scope of this Manual

This manual provides general information about running ESPADP, an analysis tool for ESP and DataCard time series. Functionality in ESPADP which will interface directly with ESP is described in this document, not within ESP modeling and time series documentation. Documentation on ESP can be found in extensive manuals (NWS River Forecast System Users Manuals Parts I-X). Detailed information on the theory or implementation of specific analysis tools can be found in the ESPADP Algorithms Manual and information about ESPADP routines and structure is provided in ESPADP System Manual.

In general, the purpose of this manual is to provide summary information about the ESPADP software, information about how to use the software and examples of operations. Where appropriate, other documentation is referenced.

1.4 Conventions

Typographical conventions used in this document are as follows:

Regular	is used for normal text within sections (Times font)
<i>Italic</i>	is used for window, menu, file, directory, document, table and plot names
Bold	indicates an action (" click on the icon ")

Constant Width is used for program output or information shown on-screen (Courier font)
Constant Bold shows commands that the user enters (Courier bold)
[any font] designates part of a command that is variable

1.5 Acknowledgments

This manual was prepared by Riverside Technology, inc. for the Office of Hydrologic Development (OHD) Hydrology Laboratory (HL) at the NWS.

Development of ESPADP is funded in entirety by the National Oceanic and Atmospheric Administration (NOAA) and the NWS.